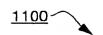
FIG. 1



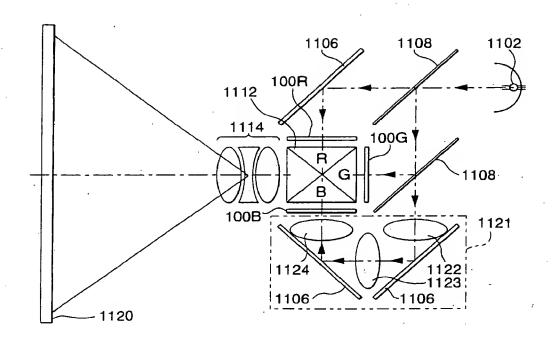


FIG. 2

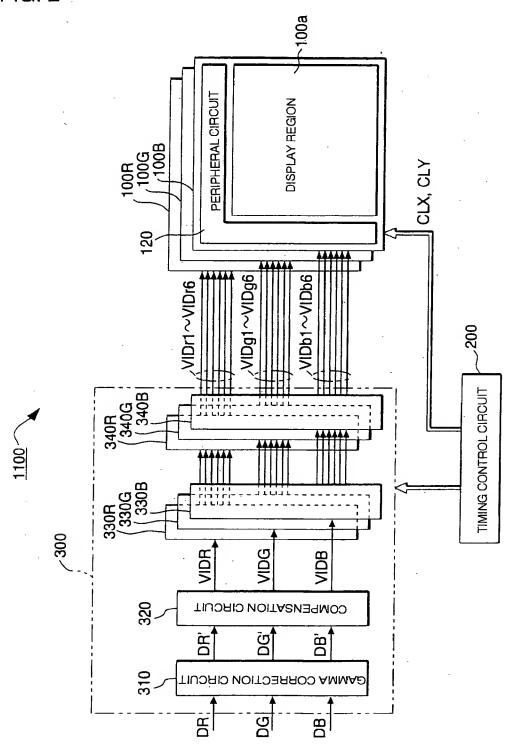


FIG. 3

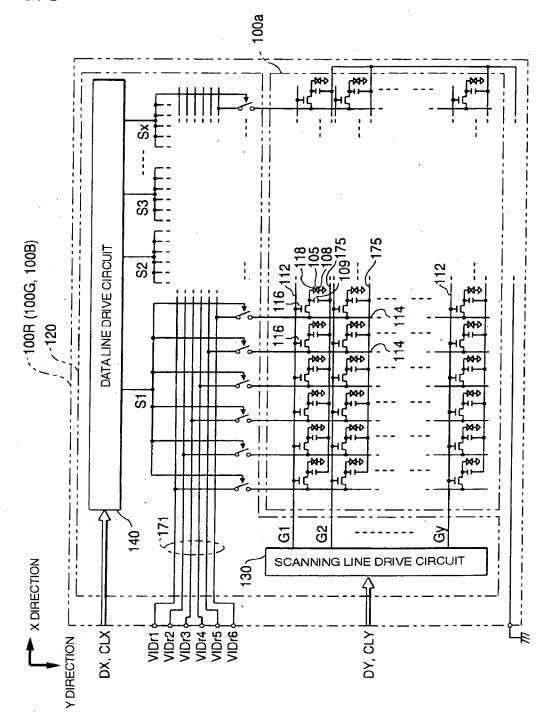


FIG. 4

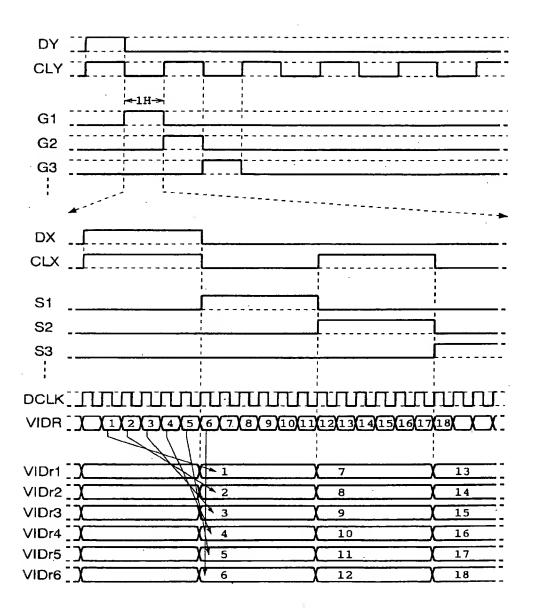


FIG. 5

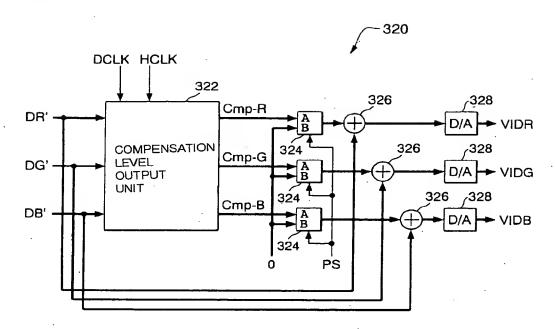


FIG. 6 322 ROM **DCLK HCLK** Drefr, Drefg, Drefb X COUNTER Y COUNTER INTERPOLATION PROCESSOR 10 Dу DHb Dx 11 DHr DHg 14R 17R > ADDRESS GENERATOR COMPENSATION TABLE DHr1 DHr2 DR'-DHr3 15R-Cmp-R ARITHMETIC UNIT UG 17G_{\1} 14G> ADDRESS GENERATOR COMPENSATION TABLE DHg1 DHg2 DHg3 DHg4 DG'-15G Cmp-G ARITHMETIC UNIT 17B \ 14B -ADDRESS COMPENSATION TABLE GENERATOR DHb1 DHb2 DHb3 DHb4 DB' 15B Cmp-B ARITHMETIC UNIT

FIG. 7

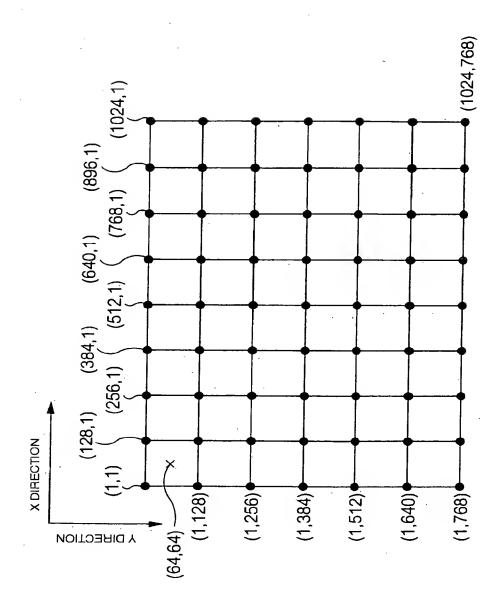


FIG. 8

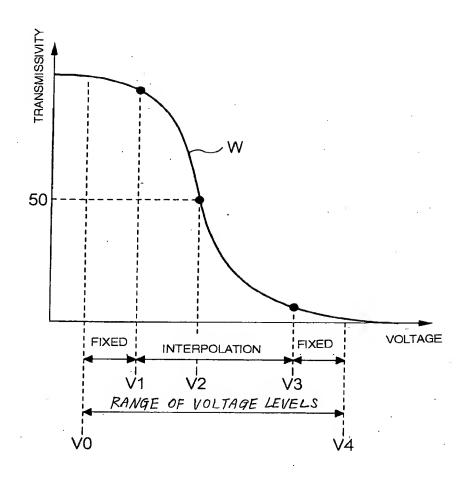
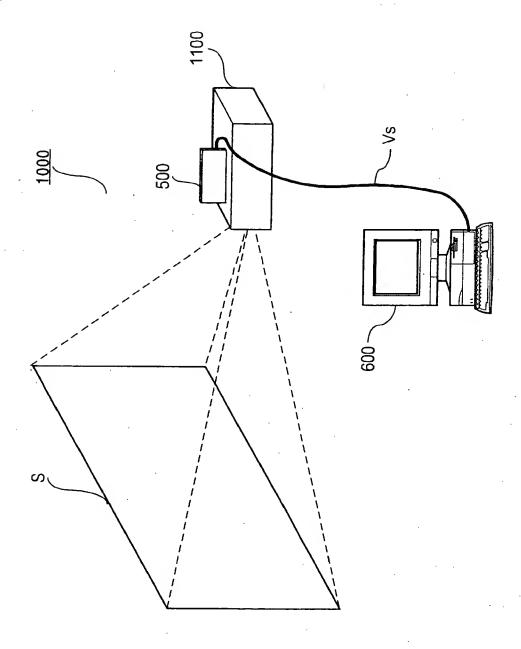


FIG. 9

	DBb1,1	DBb128,1	DBb256,1	•••	DBbi,j	• •	DBb1024, 768
B:Drefb	DBc1,1	DBc128,1	DBc256,1	•••	DBci,j	•••	DBc1024, 768
	DBw1,1	DRc128,1 DRb128,1 DGw128,1 DGc128,1 DGb128,1 DBw128,1 DBc128,1 DBb128,1	DRc256,1 DRb256,1 DGw256,1 DGc256,1 DGb256,1 DBw256,1 DBc256,1 DBb256,1	•••	DBwi,j	•••	DRc1024, DRb1024, DGw1024, DGc1024, DGb1024, DBw1024, DBc1024, DBb1024, 768 768 768 768 768
	DGb1,1	DGb128,1	DGb256,1	•••	DGbi,j	•••	DGb1024, 768
G:Drefg	DRb1,1 DGw1,1 DGc1,1	DGc128,1	DGc256,1	•••	DGci,j	•••	DGc1024, 768
	DGw1,1	DGw128,1	DGw256,1	•••	DGwi,j	•••	DGw1024, 768
	DRb1,1	DRb128,1	DRb256,1	•••	DRbi,j	•••	DRb1024, 768
R:Drefr	DRc1,1	DRc128,1	DRc256,1	•.••	DRci,j	•••	
	DRw1,1	(128,1) DRw128,1	(256,1) DRw256,1	• • •	DRwi,j	• • •	(1024,768) DRw1024, 768
(X,Y)	(1,1)	(128,1)	(256,1)	•••	(i.j)		(1024,768)

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FIG. 10



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FIG. 11

NM		-	8.		T .		(a) (a)	(38)	(1) (8) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
NTH COLUMN	C	DH7	DHr128,	•••	H	128/0	128(n) DHr128	128(n) DHr128 128(n)	128(n) DHr128, 128(n)
(N-1)TH COLUMN	n-1	DHr1,	DHr128,	•	DHr1,	128/n-1)	128(n-1) DHr128,	128(n-1) DHr128, 128(n-1)	128(n-1) DHr128, 128(n-1)
:	:		•	•••		,		: :	
THIRD COLUMN	m+2	DHr1, 1(m+2)	DHr128, 1(m+2)	• • •	DHr1,	128(m+2)	128(m+2) DHr128, 128(m+2)	128(m+2) DHr128, 128(m+2)	128(m+2) DHr128, 128(m+2)
COLUMN SECOND COLUMN THIRD COLUMN	m+1	DHr1, 1(m+1)	DHr128, 1(m+1)	•••	DHr1,	128(m+1)	128(m+1) DHr128, 128(m+1)	128(m+1) DHr128, 128(m+1)	128(m+1) DHr128, 128(m+1)
FIRST COLUMN	ш	DHr1, 1(m)	DHr128, 1(m)	•••	DHr1,	128(m)	128(m) DHr128, 128(m)	128(m) DHr128, 128(m)	128(m) DHr128, 128(m) :
	(X,Y)	(1,1)	(128,1)	• • •	(1,128)		(128,128)	(128,128)	1 1)
•		FIRST ROW	SECOND ROW	• • •	TENTH ROW		ELEVENTH ROW	ELEVENTH ROW	

FIG. 12

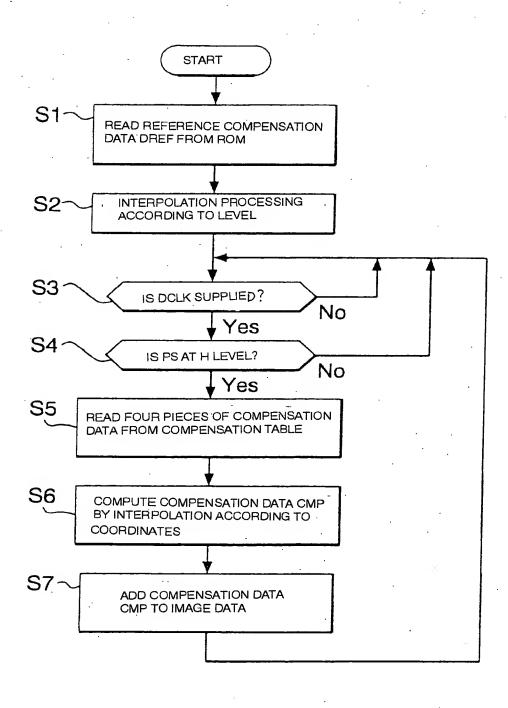
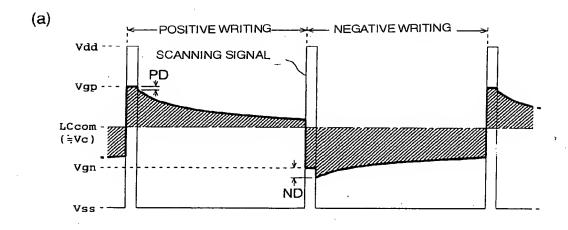
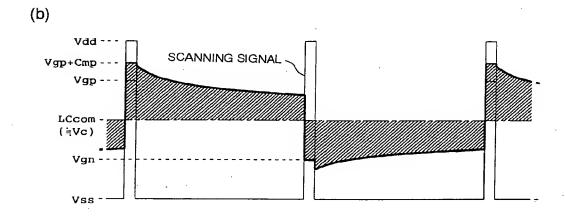


FIG. 13





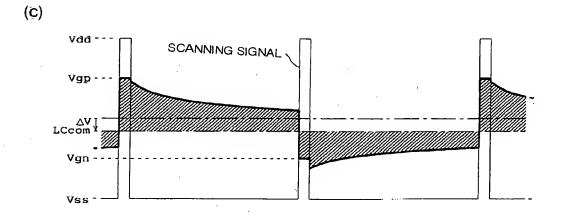


FIG. 14

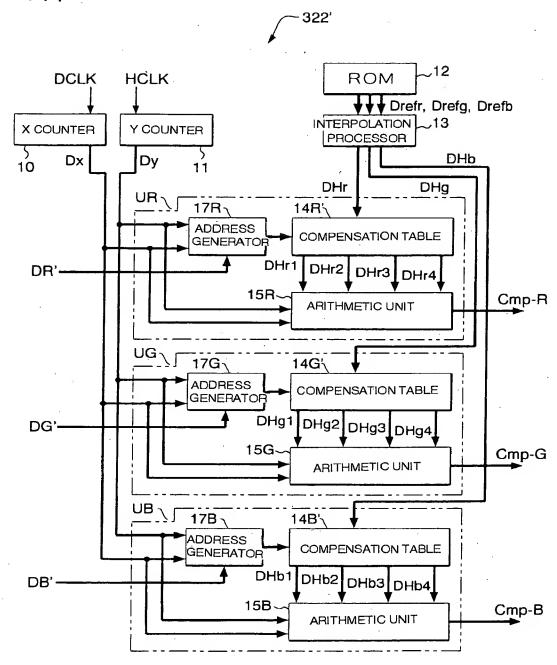


FIG. 15

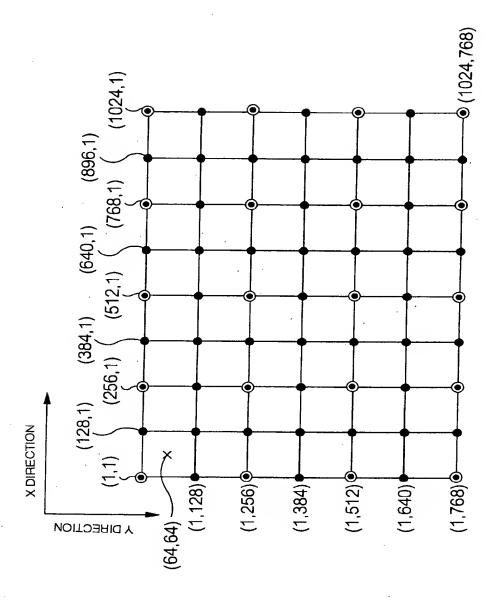


FIG. 16

(X,Y)		R:Drefr			G:Drefg	-		B:Drefb	
(1,1)	DRw1,1	DRc1,1	DRb1,1	DGw1,1	DGc1,1	DGb1,1	DBw1,1	DBc1,1	. DBb1,1
(128,1)	1	•	•	DGw128,1	DGw128,1 DGc128,1 DGb128,1	DGb128,1	1	1	
(256,1)	DRw256,1	DRc256,1	DRb256,1	DGw256,1	DGc256,1	DGb256,1	DRb256,1 DGw256,1 DGc256,1 DGb256,1 DBw256,1 DBc256,1 DBb256,1	DBc256,1	DBb256,1
• • •	• • •	• • •	•••	•••	•••		•••	•••	•••
(1,128)	1		1	DGw1,128	DGw1,128 DGc1,128 DGb1,128	DGb1,128		1	•
(128,128)	•	1	•	DGw 128,128	DGc 128,128	DGb 128,128			1
(256,128)	1	-	1	DGw 256,128	DGc 256,128	DGb 256,128	ı		
• • •	•••	• • •	• • •	•••	•••	•••		•••	• • •
(1024,128)	-	-	a	DGw 1024,128	DGc 1024,128	DGb 1024,128		1	
• • •	• • •	• • •	• • •	• • •	•••	•••	•••		
(1024,768)	1024,768) DRw1024, 768	DRc1024, 768	DRb1024, 768	DGw1024, 768	DGc1024, 768	DGb1024, 768	4, DRc1024, DRb1024, DGw1024, DGc1024, DGb1024, DBw1024, DBc1024, 768 768 768 768 768 768	DBc1024,	DBb1024, 768

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FIG. 17

(X,Y) M										
(1,24,768) PHST COLUMN SECOND COLUMN THIRD COLUMN TIME TO THE TOTAL TIME TO THE TOTAL TIME TO THE TOTAL TOT		NTH COLUMN	c	DHr1,	DHr256,		DHr1024,	DHr1,	(11)007	DHr1024,
(1,256) DHr1, 1(m) 1(m) 1(m) 1(m) 1(m) 1(m) 1(m) 1(m)		(N-1)TH COLUMN	n-1	DHr1,	DHr256,		DHr1024,	DHr1,	• • •	DHr1024,
(1,256) DHr1, 1(m) 1(m) 1(m) 1(m) 1(m) 1(m) 1(m) 1(m)		:	:	:	:		•	:		:
(1,256) DHr1, 1(m) 1(m) 1(m) 1(m) 1(m) 1(m) 1(m) 1(m)	-	THIRD COLUMN	m+2	DHr1, 1(m+2)	DHr256, 1(m+2)	• • •	DHr1024, (m+2)	DHr1, 256(m+2)	•••	DHr1024,
(X,Y) (1,1) (256,1) : : (1024,1) (1024,768)		SECOND COLUMN	m+1	DHr1, 1(m+1)	DHr256, 1(m+1)	•••	DHr1024, (m+1)	DHr1, 256(m+1)	•••	DHr1024, 768/m+1)
<u> </u>		FIRST COLUMN	E	DHr1, 1(m)	DHr256, 1(m)	•••	DHr1024, 1(m)	DHr1, 256(m)	•••	DHr1024, 768(m)
FIRST ROW SECOND ROW FIFTH ROW SIXTH ROW			(X,Y)	(1,1)	(256,1)	• • •	(1024,1)	(1,256)	• • •	(1024,768)
				FIRST ROW	SECOND ROW	•••	FIFTH ROW	SIXTH ROW	•••	TWENTIETH ROW

FIG. 18

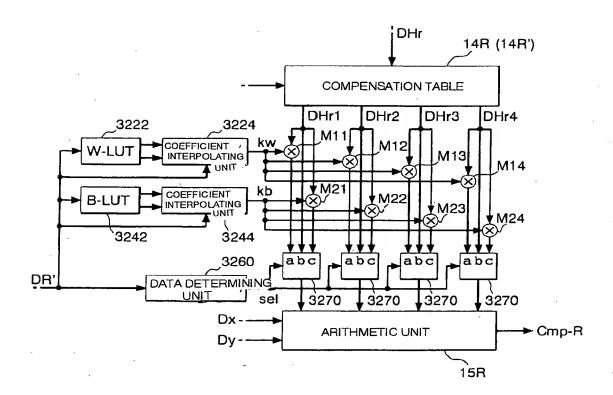


FIG. 19

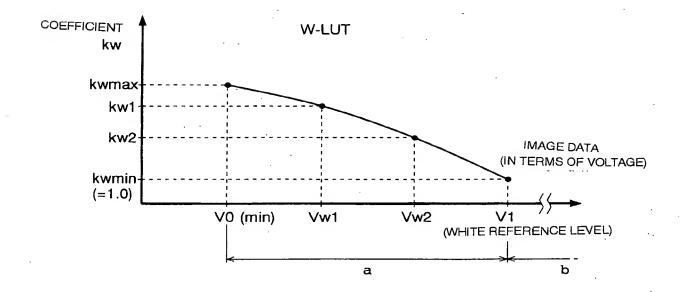


FIG. 20

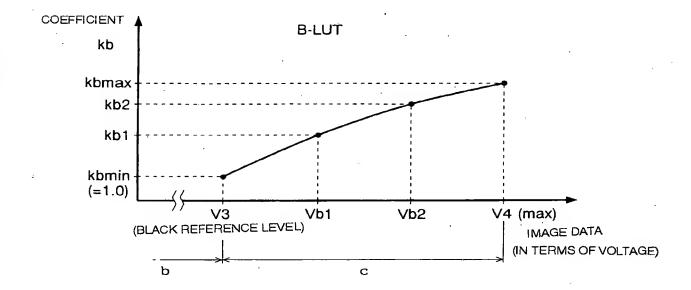


FIG. 21

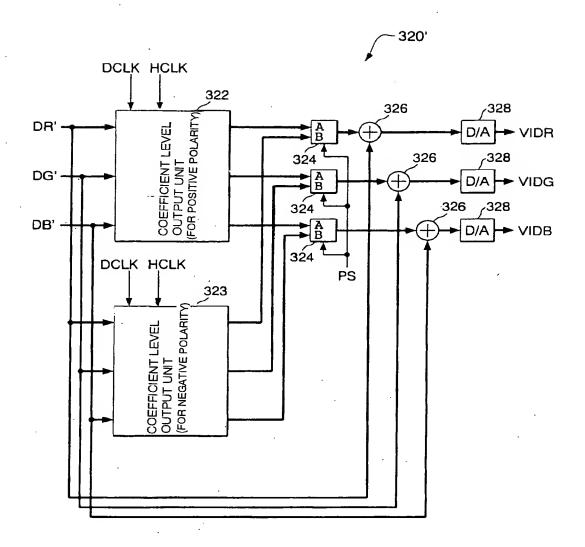


FIG. 22

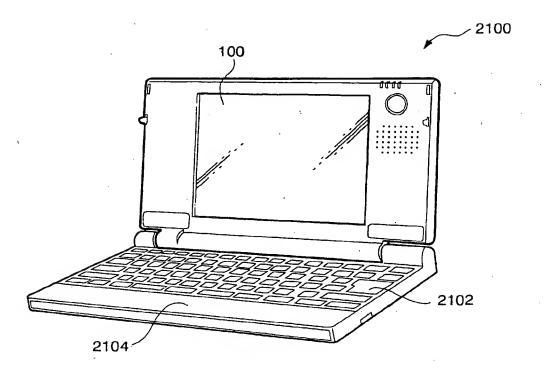


FIG. 23

